



Attorney Docket: 100337/54287US
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SERGEY ZOZULYA

Serial No.: 09/804,291

Group Art Unit:

Filed: MARCH 13, 2001

Examiner:

Title: HUMAN OLFACTORY RECEPTORS AND GENES ENCODING
SAME

ELECTION RESPONSE

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

In response to the Office Action (Restriction Requirement) mailed on April 22, 2003, Applicant elect with traverse Group I directed to a nucleic acid sequence encoding an olfactory receptor, and as the nucleic acid sequence Applicant elects hOR29 referred to as AOLFR029 in this patent application.

Applicant respectfully advise that bioinformatics, genetic and sensory analysis indicate that this nucleic acid sequence encodes a receptor involved in the smell of androstenone, a component of sweat. Genetic analysis indicate that alleles of this gene correlates to the inability to smell androstenone.

The traversal is on the basis that Group I and II should be examined together because a complete search of a nucleic acid sequence encoding an olfactory receptor would normally be co-extensive with the search for the corresponding olfactory receptor polypeptide.

Also, Applicant respectfully requests that the restriction requirement be modified to include other olfactory sequence members. As disclosed in the application, the subject human OR's constitute a genus of genes that all encode

related receptors involved in olfaction. Therefore, the Examiner is respectfully requested to modify the restriction requirement to:

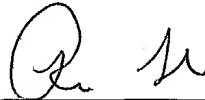
- (i) rejoin Group I and II, and
- (ii) to modify the election of species requirement in order to extend the search to include other OR sequences (other than the elected OR nucleic acid sequence).

It is believed that this is a complete response to the restriction requirement. Favorable examination on the merit is respectfully requested.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #100337.54287US).

Respectfully submitted,



ROBIN L. TESKIN
Registration No. 35,030

July 2, 2003

CROWELL & MORING, LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
RLT:mld